

Converting Colors

$Yxy(43.7477, 0.2651, 0.2636)$

Have a look what the booklet for
Yxy(43.7477, 0.2651, 0.2636)
contains.

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Color

Yxy(43.8323, 0.2650, 0.2642)

Conversions

Conversions Part 1

Format	Color
Hex	A2AFE2
RGB	162, 175, 226
RGB Percent	64%, 69%, 89%
CMY	0.3646, 0.3138, 0.1136
CMYK	0.28, 0.23, 0.00, 0.11
HSL	228°, 52%, 76%
HSV	228°, 28%, 89%
XYZ	43.9650, 43.8323, 78.1084
YIQ	176.9270, -24.1190, 13.1050

Conversions

Conversions Part 2

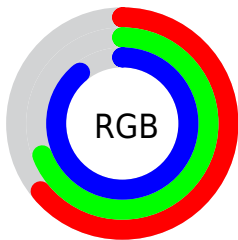
Format	Color
RYB	162, 173, 226
Decimal	10661858
CIELab	72.12, 6.88, -27.11
CIElCh	72, 27.971, 284.230
Yxy	43.8323, 0.2650, 0.2642
Android (android.graphics.Color)	4288851938 (0xFFA2AFE2)
YUV	176.9270, 24.1930, -13.0910
Hunter-Lab	66.2060, 2.6751, -23.6049

Details

The Yxy color **43.8323, 0.2650, 0.2642** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.4037, 0.3590, 0.3863**, and the grayscale version is **43.8104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7191, 0.2897, 0.3030**, and **20.3574, 0.2515, 0.2469** is the 20% darker color. If you saturate the color by 10%, you get **35.1209, 0.2459, 0.2366**, and if you desaturate by 10%, it is **53.9093, 0.2831, 0.2895**.

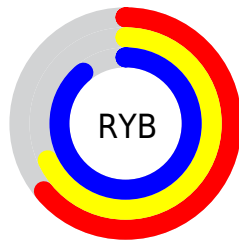
Distribution



Red (64%)

Green (69%)

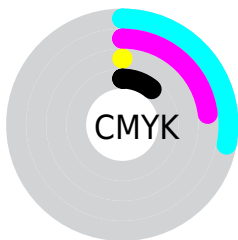
Blue (89%)



Red (64%)

Yellow (68%)

Blue (89%)

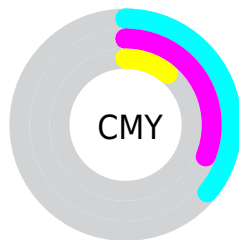


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (36%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8323, 0.2650, 0.2642 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 43.8323, 0.2650, 0.2642 by changing the saturation by 10% instead.

■ 43.8323, 0.2650,
0.2642

■ 43.8323, 0.2650,
0.2642

362.0235, 0.2889,
0.2959

■ 30.5387, 0.2591,
0.2566

■ 80.9653, 0.2736,
0.2755

■ 20.2478, 0.2516,
0.2470

■ 105.5736, 0.2769,
0.2798

■ 12.5753, 0.2418,
0.2345

134.7221, 0.2796,
0.2835

■ 7.1368, 0.2283,
0.2178

168.7954, 0.2820,
0.2867

■ 3.5478, 0.2090,
0.1944

208.1777, 0.2841,
0.2894

■ 1.4240, 0.1795,
0.1600

253.2536, 0.2859,

■ 0.2343, 0.1173,

0.2918

0.0704

304.4074, 0.2874,
0.2940

0.0000, 0.0000,
0.0000

43.8323, 0.2650,
0.2642

43.8323, 0.2650,
0.2642

35.1209, 0.2459,
0.2366

53.9093, 0.2831,
0.2895

27.7102, 0.2264,
0.2073

65.4024, 0.2999,
0.3122

21.5378, 0.2073,
0.1772

78.3663, 0.3152,
0.3322

16.5337, 0.1898,
0.1479

92.8507, 0.3290,
0.3498

12.6210, 0.1748,
0.1210

98.2721, 0.3297,
0.3572

■ 9.7121, 0.1635,
0.0982

■ 7.6975, 0.1561,
0.0808

■ 7.4274, 0.1551,
0.0784

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.8323, 0.2437, 0.2724



43.8323, 0.2650, 0.2642



43.8323, 0.2999, 0.2715

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.8323, 0.2650, 0.2642



43.8323, 0.3919, 0.3534



43.8323, 0.2828, 0.3709

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.8323, 0.2650, 0.2642



66.4037, 0.3590, 0.3863

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.8323, 0.3215, 0.3963



43.8323, 0.2650, 0.2642



43.8323, 0.3857, 0.3824

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.8323, 0.2650, 0.2642



43.8323, 0.3751, 0.3209



43.8323, 0.3594, 0.3994



43.8323, 0.2533, 0.3328

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.8323, 0.2650, 0.2642



43.8323, 0.3270, 0.2838



43.8323, 0.3594, 0.3994



43.8323, 0.2951, 0.3815

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.8340, 0.2650, 0.2642



86.3893, 0.3003, 0.3127



66.8503, 0.2794, 0.3458



17.9732, 0.2979, 0.3094



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8340, 0.2650, 0.2642



50.6338, 0.2538, 0.2481



41.0692, 0.2774, 0.2503



13.6905, 0.2981, 0.3097



4.3717, 0.1557, 0.0806



0.4301, 0.1634, 0.1082

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.1207, 0.3622, 0.3140



52.9151, 0.3767, 0.3108



70.4078, 0.3417, 0.4029



13.7457, 0.3260, 0.3243



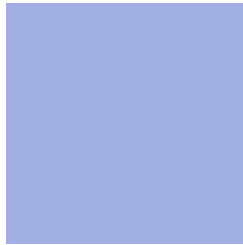
9.3494, 0.6061, 0.3112



0.6609, 0.5636, 0.2878

Previews

White Background



This preview shows how the Yxy color 43.8323, 0.2650, 0.2642 looks on a white background.

Color Contrast Check

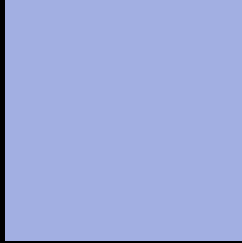
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 43.8323, 0.2650, 0.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

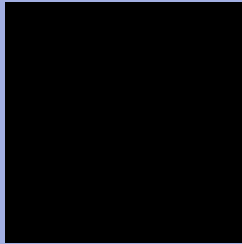
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8323, 0.2650, 0.2642

Background



This preview shows how black text looks on a background with the Yxy color 43.8323, 0.2650, 0.2642.



This preview shows how white text looks on a background with the Yxy color 43.8323, 0.2650, 0.2642.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.8323, 0.2650, 0.2642

Protanopia

43.9375, 0.2657, 0.2644

Deuteranopia

43.5936, 0.2684, 0.2623



Tritanopia

44.0558, 0.2820, 0.3099

Trichromacy



Original Color

43.8323, 0.2650, 0.2642

Protanomaly

43.9375, 0.2657, 0.2644

Deuteranomaly

43.7624, 0.2670, 0.2633

Tritanomaly

43.9655, 0.2757, 0.2931

Monochromacy



Original Color

43.8323, 0.2650, 0.2642

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7615, 0.2944, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8323, 0.2650, 0.2642 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(162, 175, 226)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(162, 175, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 226) }
```

Border

The CSS property to change the border of an element to Yxy 43.8323, 0.2650, 0.2642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 175, 226) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(162, 175, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(162, 175, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 226);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8323, 0.2650, 0.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(162,  
175, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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